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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/826,255	04/19/2004	Yuichiro Uchigaki	Q80995	9402
23373 7590 01/07/2009 SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037				
EXAMINER				
ABDUL-ALL, OMAR R				
ART UNIT		PAPER NUMBER		
2178				
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01/07/2009		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/826,255

**Applicant(s)**

UCHIGAKI ET AL.

**Examiner**

OMAR ABDUL-ALI

**Art Unit**

2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 18 August 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SF/ICE)  
Paper No(s)/Mail Date 10/02
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

The following action is in response to the filing of August 18, 2008. Claims 1-8 are pending and have been considered below.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-5, 7, and 8 are rejected under 35 U.S.C. 102(e) as being anticipated by Sharif et al. (US 2003/0115167).

Claim 1: Sharif discloses a browser apparatus, comprising:

- a. information acquisition means for acquiring page data (page 2, paragraph 36);
- b. display means for displaying information (page 2, paragraph 35);
- c. shift direction input means (arrow keys) for inputting a shift direction (page 2, paragraph 37);
- d. command input means (numeric and function keys) for inputting a command (page 2, paragraph 37);

e. control means for displaying the page data acquired by said information acquisition means on said display means in response to a shift command indicating a shift direction input by said shift direction input means and to an operation command indicating an operation input by said command input means (page 3, paragraph 40). Specifically, Sharif discloses a user may use the arrow keys to navigate buttons on a button bar and select modes such as browse, album, or news. Through the selection of these options, the page data is manipulated.

f. wherein said control means has a plurality of operation modes, and assigns different functions to said shift direction input means and said command input means depending on the mode of said browser apparatus as functions of manipulating the page displayed on said display means (page 3, paragraph 39). Sharif discloses there are one or two bars at the bottom of the display depending on the currently selected mode. The user may navigate using the arrow keys among a plurality of modes in a menu (button bar) using the left and right keys. When the browse mode is selected, the functionality of the arrow keys is modified to scroll a current selection horizontally or vertically (page 5, paragraph 64). The command input means is also changed depending on the mode, as illustrated by figures 5 and 6. In the browse mode of figure 5, the primary buttons 51 are listed as NEXT, PREV, BACK, and SCROLL. By actuating the corresponding numeric keys, these options are chosen. When the zoom mode is enabled, the functionality of these keys change once again to BACK, FULL, Z OUT, Z IN, and SAVE.

g. wherein one of the plurality of operation modes includes a surf mode of selecting part of the page by moving a mouse cursor displayed on said display means in response to the shift command from said shift direction input means (page 12, paragraph 121). Sharif describes the use of an "X" cursor that is moved in response to the movement of the four direction keys after transferring focus to an image. When the select key is pressed, the browser loads a new page from the URL of the link.

Claim 2: Sharif discloses a browser apparatus as in Claim 1 above, further comprising:

a. said control means switches the plurality of operation modes in response to the shift command from said shift direction input means or to the operation command from said command input means (page 3, paragraph 40). The user is able to use the arrow keys to navigate buttons on a button bar and select modes such as browse, album, or news.

Claim 3: Sharif discloses a browser apparatus as in Claim 2 above, further comprising:

a. a menu mode of selecting a menu item from a menu (button bar) displayed on said display means in response to the shift command from said shift direction input means (page 3, paragraph 40).

b. a scrolling mode of scrolling the page displayed on said display means in vertical and horizontal directions in response to the shift command from said shift direction input means (page 5, paragraph 64).

Claim 4: Sharif discloses a browser apparatus as in Claim 2 above, further comprising:

a. said shift direction input means comprises a cross key for outputting four types of shift commands by manipulating the cross key in four directions, top, bottom, left, and right directions (Figure 23).

Claim 5: Sharif discloses a browser apparatus as in Claim 2 above, further comprising:

a. said command input means comprises an enter key (select key) for starting processing, and a back key for making transition of the operation mode (BACK) (page 4, paragraph 59).

Claim 7: Sharif discloses a browser apparatus as in Claim 1 above, further comprising:

a. said page comprises a webpage (page 3, paragraph 43).

Claim 8: Sharif discloses a browser apparatus as in Claim 5 above, further comprising:

a. said enter key and said back key comprise separate keys on said command input means (page 4, paragraph 59).

2. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sharif et al. (US 2003/0115167) in view of Pu et al. (US 2001/0056325).

Claim 6: Sharif discloses a browser apparatus as in Claim 1 above, but does not explicitly disclose said browser apparatus is implemented on a vehicle navigation

system. Pu discloses a similar browser apparatus that further discloses a mobile browser implemented on a vehicle navigation system that includes a cross key. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to implement the browser apparatus on a vehicle navigation system in Sharif. One would have been motivated to implement the browser apparatus on a vehicle navigation system in order to increase system usability.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to OMAR ABDUL-ALI whose telephone number is (571)270-1694. The examiner can normally be reached on Mon-Fri(Alternate Fridays Off) 8:30 - 6:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on 571-272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

OAA  
1/05/2009

/Stephen S. Hong/  
Supervisory Patent Examiner, Art  
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